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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/614,118	07/08/2003	Hitoshi Oyama	2927-0149P	6065
2292	7590 05/07/2004		EXAMINER	
2111011 21.	EWART KOLASCH	BLAU, STEPHEN LUTHER		
PO BOX 747 FALLS CHURCH, VA 22040-0747			ART UNIT	PAPER NUMBER
		•	3711	

DATE MAILED: 05/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ② MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Educations of time may be avoidable under the provious of 3° CFR 1.103(c). In no event, however, may a reply be timely filed the parts for reply specified above is less ban thirty (30) days, a reply within the statulary minimum of thirty (30) days will be comiddered timely. 1 No period for reply is specified above is less ban thirty (30) days, a reply within the statulary minimum of thirty (30) days will be comiddered timely. 1 No period for reply is specified above is less ban thirty (30) days, a reply within the statulary print will reply to the mailing date of this communication. Failure to reply within the set or extended provided for reply well, by statulary port of willing parts and parts. (20) MONTHS from the mailing date of this communication, were fitted from the replaced and parts. (20) MONTHS from the mailing date of this communication, were fitted from the replaced and parts (20) MONTHS from the mailing date of the communication, were fitted from the replaced and parts (20) MONTHS from the mailing date of the communication, were fitted from the replaced and parts (20) MONTHS from the mailing date of the communication, were fitted from the replaced and parts (20) MONTHS from the mailing date of the communication, were fitted from the replaced and parts (20) MONTHS from the mailing date of this communication. 1) Responsive to communication (s) filed on 08 July 2003. 2) This action is FINAL. 20) This action is non-fitted. 2) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parts Quayle, 1935 C.D. 11, 453 O.G. 213. 2) Claim(s) 1.2.4.6. and 7 is/are allowed. 2) Claim(s) 1.2.4.6. and 7 is/are allowed. 3) Claim(s) 3.2 and 5 is/are rejected. 3) Claim(s) 3.2 and 5 is/are rejected. 3) The date of the provided parts of the provided parts of the provided parts of the provided par		Application No.	Applicant(s)				
Slephen L. Blau 3711 - The MAILING DATE of this communication appears on the cover sheet with the correspondence address eriod for Repty A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. The period for reply specified above is less than thity (30) days, a reply white the statutory minimum of thiny (30) days while considered timely. If the period for reply specified above is less than thity (30) days, a reply white the statutory minimum of thiny (30) days while communication. If the period for reply specified above is less than thity (30) days, a reply white the statutory minimum of thiny (30) days while communication. If the period for reply specified above is less than thirty (30) days, a reply white the statutory minimum of thiny (30) days while communication. If the period for reply specified above is less than thirty communication. If the period for reply specified above is less than the remaining date of this communication, even if timely filed, may reduce a my semide patent term adjustment. See 37 CFR 1.74(b). **Status** 1) □ Responsive to communication(s) filed on **Gallow filed on		10/614,118	OYAMA, HITOSHI				
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A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MALING DATE OF THIS COMMUNICATION. Commission of time may be availabled under the prevalence of 3° CPR 1.73(e), in no event, however, may a raply be timely filled If NO period for reply is specified above, the maximum statutory period will sarply and will explicately from the notifier of the product of reply is specified above, the maximum statutory period will sarply and will explicately the form the notifier other on all the statutory period will sarply and will explicate SN (6) MoNTHS from the notifier other on all the statutory period will sarply and will explicate SN (6) MoNTHS from the notifier other on all the statutory period will sarply and will explicate SN (6) MoNTHS from the notifier other on all the statutory period will sarply and will explicate SN (6) MoNTHS from the notifier other on all the statutory period will sarply and will explicate SN (6) MoNTHS from the notifier of the communication. Responsive to communication(s) filled on @8 July 2003. This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Responsition of Claims 4) Claim(s) ½ Isaare pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) 3 and 5 is/are ellowed. 6) Claim(s) 3 and 5 is/are ellowed. 7) Claim(s) is/are objected to. 8) Claim(s) 3 and 5 is/are ellowed. 8) Claim(s) 3 and 5 is/are ellowed. 10 The drawing(s) filled on is/are: a) accepted or b) objected to by the Examiner. 10 The drawing(s) filled on is/are: a) accepted or b) objected to by the Examiner. 11 Claim(s) is/are objected to by the Examiner. 12 the replication is objected to by the Examiner. Note the attached Office Action or form PTO-152. 13		•					
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A) □ Claim(s) 1-7 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) □ Claim(s) 1,2,4,6 and 7 is/are rejected. 7) □ Claim(s) is/are rejected to. 8) □ Claim(s) are subject to restriction and/or election requirement. **Application Papers** 9) □ The specification is objected to by the Examiner. 10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. **Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. **Received** All Discrete Pro-892 Pro-948 Pro	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.						
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Application/Control Number: 10/614,118

Art Unit: 3711

DETAILED ACTION

Specification

- 1. The disclosure is objected to because of the following informalities:
 - a. Lines 12-17 of page 8 do not make sense. 3T1<= T2<=2T1 is indeterminate.
 - b. There is no reference number 1b in the drawings as stated in page 15 line 10.
 - c. The word "loess" in page 25 line 3 does not make sense.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

- 2. The following is a quotation of the second paragraph of 35 U.S.C. 112:
 - The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 3. Claims 3 and 5 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 3 discloses a standard method No. 2087 which is indefinite. This standard numbered test method could be modified in the future. The examiner recommends inserting the actual test as disclosed in figure 5 in claim 3 and the specification. Claim 5 is indefinite in that the formula 3T1<= T2<=2T1 is indeterminate.

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Allowable Subject Matter

4. Claims 3 and 5 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action.

5. Claims 1-2, 4 and 6-7 are allowed. None of the prior art discloses or renders as obvious a straight layer having a prepreg with a tensile modulus of elasticity not less than 300 Gpa and a tensile strength not less than 5000 Mpa and a weight of a shaft per unit length being less than .0385 grams in addition to the other elements of structure claimed. Takemura discloses a straight layer having able to have a tensile modulus of elasticity not less than 300 Gpa and a tensile strength not less than 5000 Mpa (Claim 1). Takemura does not disclose a weight of a shaft per unit length being less than .0385 grams (Table 4, Col. 11, Lns. 10-20, Examples 1-2). Takemura also does not disclose a specific prepreg in the examples having a tensile modulus of elasticity not less than 300 Gpa and a tensile strength not less than 5000 Mpa however as disclosed by the applicant these prepregs exists and the examiner believes they are obvious modification to the shaft of Takemura.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steve Blau whose telephone number is (703) 308-2712.

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The examiner is available Monday through Friday from 8 a.m. to 4:30 p.m.. If the examiner is unavailable you can contact his supervisor Greg Vidovich whose telephone number is (703) 308-1513. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0858. (TC 3700 Official Fax 703-872-9306)

slb/ 5 May 2004

STEPHEN BLAU PRIMARY EXAMINER